

AMENDMENT UNDER 37 C.F.R. § 1.111
U. S. Application No. 09/835,319

REMARKS

Claims 1-6, 8-16, and 18 are pending in the application. However, claims 3-5 and 11-15 have been withdrawn from consideration.

Claims 1, 2, 6, 8-10, 16, and 18 are rejected under 35 U.S.C. § 102(b) as being anticipated by newly-cited Wang et al. (US 5,729,563). Applicant respectfully traverses the rejection with the following comments.

Wang et al. relates to a method and apparatus for optically and thermally isolating surface emitting laser diodes. An embodiment of Wang's invention is shown in FIG. 3 of the reference. As shown in FIG. 3, the SEL array 100 comprises a lower electrode 122, a substrate 112, a bottom mirror region 114, an active region 130, a top mirror region 115, implant regions 124, electrodes 123, and trenches 125-128.

Applicant submits that Wang et al. fail to teach or suggest all of the limitations of claim 1 of the present invention. In particular, Wang et al. do not disclose a second surface emitting laser which emits light having a second wavelength, directly formed on a portion of an upper surface of the substrate neighboring the first surface emitting laser. In the Office Action, the Examiner does not explicitly assert that Wang et al. disclose this feature of claim 1. Moreover, there does not appear to be a disclosure in the reference of a surface emitting laser which emits light having a second wavelength. As disclosed in the reference, the array of SELs is formed by first depositing the layers making the bottom mirror region, active region, and top mirror region on a substrate and then dividing the layers into individual SELs. See col. 3, lines 29-32. Based on this disclosure and the lack of a disclosure of the array having SELs with a second

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wavelength, Applicant submits that Wang et al. do not teach or suggest this feature of claim 1 of the present invention. Thus, claim 1 is not anticipated by Wang et al.

Applicant submits that claim 2 is not anticipated by Wang et al., at least because of its dependence from claim 1.

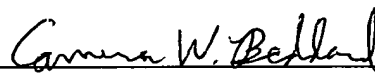
For reasons analogous to those presented above, independent claims 6 and 16, as well as their respective dependent claims 8-10 and 18 are not anticipated by Wang et al.

Additionally, new claims 19-21 are added to further define the invention. Claims 19-21 are allowable over the prior art, at least because of their dependence from independent claims 1, 6, and 16, respectively.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

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